



CRC

for

Premium

Quality

Wool

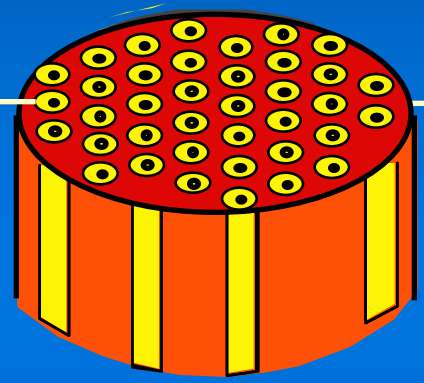
# Detailed Structure of the Cortex

Produced for the CRC for Premium Quality Wool undergraduate program by;  
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# Diagram of an electron micrograph of a wool cortical cell in cross-section

**Intermediate Filament**



**Matrix**

**Keratin IF proteins**

Type I & Type II IF

**Keratin associated proteins**

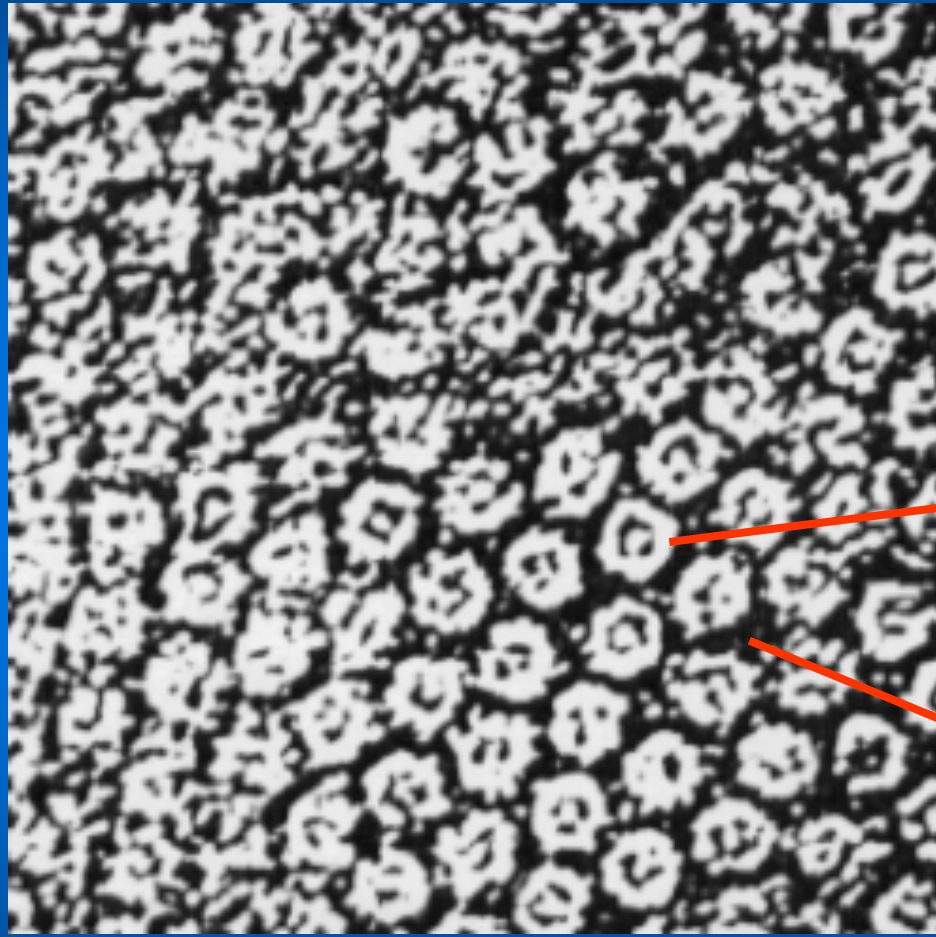
Cysteine-rich proteins  
Glycine/tyrosine-rich proteins

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# TEM of cortex ultrastructure

Ortho-cortex



Intermediate filaments

Matrix

Para-cortex

CRC  
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Premium  
Quality  
Wool